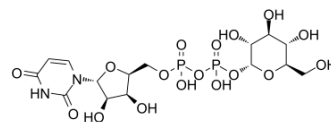


## Uridine diphosphate glucose

Cat. No.:	HY-113044
CAS No.:	133-89-1
Molecular Formula:	C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O <sub>17</sub> P <sub>2</sub>
Molecular Weight:	566.3
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

Description	Uridine diphosphate glucose is an important intermediate in several different metabolic pathways and biosynthetic reactions, including the biosynthesis of polysaccharides such as starch and glycogen, lipopolysaccharides, and glycosphingolipids.
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IC <sub>50</sub> & Target	Human Endogenous Metabolite
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### CUSTOMER VALIDATION

- J Am Chem Soc. 2020 Sep 4.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. PALADINI AC, et al. Studies on uridine-diphosphate-glucose. Biochem J. 1952 Jun;51(3):426-30.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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